

INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2007/058444

A. CLASSIFICATION OF SUBJECT MATTER

INV. A61K31/192 A61K31/10 A61P15/00 A61K31/618 A61K31/60

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	INTERNATIONAL CONGRESS SERIES (1988), 1998, XP009090529	1-11
Y	page 319 page 323 - page 324; table 3 -----	1-11
X	DATABASE CA [Online] CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; HUNTER, WILLIAM L.: "Method and pharmaceutical compositions using anti-microtubule agents for treating multiple sclerosis and other inflammatory diseases" XP002456582 retrieved from STN Database accession no. 2002:960660 abstract -/--	1,2,6,8, 11

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

15 November 2007

Date of mailing of the international search report

28/11/2007

Name and mailing address of the ISA/

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Damiani, Federica

INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2007/058444

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
	& US 6 495 579 B1 (HUNTER, WILLIAM L.) 17 December 2002 (2002-12-17) -----	
A	WO 02/080926 A (ABBOTT GMBH & CO KG [DE]; HIRST GAVIN C [US]; RAFFERTY PAUL [US]; RITT) 17 October 2002 (2002-10-17) claim 1 page 50, line 9 - line 21 -----	1-11
A	EP 0 974 352 A1 (KISSEI PHARMACEUTICAL [JP]) 26 January 2000 (2000-01-26) column 1 - column 2 -----	1-11
A	WO 97/41852 A (ALCON LAB INC [US]) 13 November 1997 (1997-11-13) page 4, line 9 - page 5 -----	1-11
P,Y	SIDDARAJU MUGUR N ET AL: "Inhibition of gastric H ⁺ , K ⁺ -ATPase and Helicobacter pylori growth by phenolic antioxidants of Zingiber officinale." MOLECULAR NUTRITION & FOOD RESEARCH MAR 2007, vol. 51, no. 3, March 2007 (2007-03), pages 324-332, XP002454254 ISSN: 1613-4125 page 328; table 2 page 329, paragraph 3.4 page 331, paragraph 4 -----	1-11
A	WO 2004/004648 A (NITROMED INC [US]; EARL RICHARD A [US]; EZAWA MAIKO [US]; FANG XINQIN) 15 January 2004 (2004-01-15) page 4, line 8 - line 23 page 30, line 31 - page 31, line 8 -----	1-11
E	WO 2007/113855 A (COUNCIL SCIENT IND RES [IN]; DHARMESH SHYLAJA MALLAIAH [IN]; SIDDARAJU) 11 October 2007 (2007-10-11) page 7, line 25 - line 29 page 9, line 6 - line 9 -----	1,2,5,8, 11

INTERNATIONAL SEARCH REPORT

International application No.
PCT/EP2007/058444

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

Although claim 11 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers allsearchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- ☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/EP2007/058444

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6495579	B1	17-12-2002	US 2002037919 A1	28-03-2002
WO 02080926	A	17-10-2002	BG 108269 A	30-12-2004
			BR 0205889 A	09-11-2004
			CA 2440724 A1	17-10-2002
			CN 1520298 A	11-08-2004
			CZ 20032858 A3	12-05-2004
			EP 1385524 A1	04-02-2004
			JP 2004531513 T	14-10-2004
			MX PA03008561 A	30-06-2004
			NO 20034176 A	21-11-2003
			PL 363740 A1	29-11-2004
			SK 13082003 A3	07-07-2004
			ZA 200306886 A	16-07-2004
EP 0974352	A1	26-01-2000	AT 240098 T	15-05-2003
			AU 739271 B2	11-10-2001
			AU 5879798 A	08-09-1998
			BR 9807330 A	18-04-2000
			CA 2278421 A1	20-08-1998
			CN 1247469 A	15-03-2000
			DE 69814612 D1	18-06-2003
			DE 69814612 T2	11-03-2004
			ES 2198692 T3	01-02-2004
			IL 131216 A	31-10-2003
			WO 9835668 A1	20-08-1998
			US 6114383 A	05-09-2000
WO 9741852	A	13-11-1997	AU 3123697 A	26-11-1997
WO 2004004648	A	15-01-2004	AU 2003247792 A1	23-01-2004
			CA 2491127 A1	15-01-2004
			EP 1539729 A2	15-06-2005
			JP 2005539089 T	22-12-2005
WO 2007113855	A	11-10-2007	NONE	